

L2 ANSWER 6 OF 48 CA COPYRIGHT 2004 ACS on STN
 AN 120:82249 CA
 ED Entered STN: 19 Feb 1994
 TI Cement binder with accelerator for cold-bonded ore **pellets** with
 fines
 IN Bandyopadhyay, Sibdas; Dutta, Dipak Kumar; Gupta, Surajit; Bordoloi, Dipak
 PA Council of Scientific and Industrial Research, India
 SO Indian, 19 pp.
 CODEN: INXXAP
 DT Patent
 LA English
 IC ICM C22B001-243
 CC 54-1 (Extractive Metallurgy)
 Section cross-reference(s): 58

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	IN 171194	A	19920815	IN 1987-DE663	19870731
PRAI	IN 1987-DE663		19870731		

AB High-strength **pellets** are manufd. from the mixt. with ore fines
80-90, portland cement clinker 7-10, and
 accelerator 0.4-2.8%, and are heated for 2-4 h at 40-90.degree., hardened
 in steam for 3-10 h at 5-40 psi, and heated further for 2-40 h at
 80-200.degree. for drying. The accelerator is CaCl₂ and/or Ca formate.
 The **pellets** of 15-20 mm diam. show crush strength of nominally
 200 kg/**pellet**. The **pelletizing** process is suitable
 for the ores of Fe, Cr, or Mn.
 ST ore **pelletizing** cement binder accelerator; calcium chloride
 cement ore **pelletizing**; formate calcium cement ore
pelletizing
 IT Cement
 (ore **pelletizing** binder, calcium chloride or formate in, as